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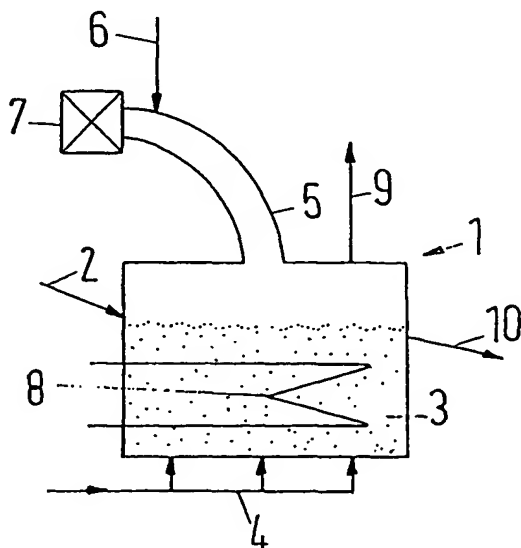
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(54) Title: METHOD AND PLANT FOR THE THERMAL TREATMENT OF GRANULAR SOLIDS IN A FLUIDIZED BED



(57) Abstract: This invention relates to a method for the thermal treat-  
ment of granular solids in a fluidized bed (3, 3a) which is located in a  
fluidized-bed reactor (1, 1a, 38), wherein microwave radiation is fed  
into the fluidized-bed reactor (1, 1a, 38) through at least one wave  
guide (5, 46), and to a corresponding plant. To avoid depositions in  
the wave guide (5, 46), a gas stream is fed into the fluidized-bed reac-  
tor (1, 1a, 38) through the same wave guide (5, 46).